

Fo7249PCT

4P Folie Forchheim GmbH

Release blend

## Claims

1. Plastic layer that has release properties towards adhesives, wherein (the materials) that produce the release properties are incorporated in the plastic layer and (can be) extruded with it.
2. Plastic layer according to claim 1, wherein (the basic polymer) is provided with (modified properties), as a result of which the release properties are achieved.
3. Plastic layer according to claim 1, wherein (the release additive) incorporated is (based on silicone compounds).
4. Plastic layer according to claim 1, wherein (substances similar to polyolefins) are incorporated as release additives.
5. Plastic layer according to ~~one of the previous claims~~ <sup>Claim 1</sup>, wherein (the release additives) are incorporated in the plastic during polymerisation.
6. Plastic layer according to ~~one of claims 1 to 4~~ <sup>Claim 1</sup>, wherein the release additives are embedded (firmly) in the plastic matrix.

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- a 7. Plastic layer according to ~~one of the previous claims~~, wherein fillers that are, for example, structured as inorganic compounds are provided as release additives. *claim 1*
- a 8. Plastic layer according to ~~one of the previous claims~~, wherein the layer is manufactured from a masterbatch. *claim 1*
- a 9. Plastic layer according to ~~one of the previous claims~~, wherein the layer is produced by the coextrusion process. *claim 1*
10. Plastic layer according to claim 9, wherein the layer is extruded together with a substrate layer made of plastic.
- a 11. Plastic layer according to ~~one of claims 1 to 8~~, wherein the layer is extruded onto a substrate web, for example a web of paper. *claim 1*
12. Plastic layer according to ~~one of the previous claims~~, wherein the layer is located on either one or both sides of a substrate layer. *claim 1*
13. Plastic layer according to ~~one of the previous claims~~, wherein the thickness of the layer is in the 5 mm range. *claim 1*
- a 14. Plastic layer according to ~~one of the previous claims~~, wherein the plastic layer with the release properties and/or the substrate film for it is embossed. *claim 1*
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